

WHAT IS CLAIMED IS:

1. A communication terminal comprising:

overflow estimation means estimating a simultaneous transmission, to a base station, of uplink data and an information signal related to downlink packet data received from said base station; and

transmission signal control means controlling transmission of said information signal in response to the result of estimation of said overflow estimation means.

2. The communication terminal according to claim 1, wherein said transmission signal control means stops transmitting said information signal.

3. The communication terminal according to claim 2, wherein transmitting said information signal is stopped by selecting a TFCI not transmitting said information signal.

4. The terminal according to claim 3, wherein preference of uplink communication is posted to the base station by transmitting a TFCI signal under selection indicating nontransmission of said information signal.

5. The communication terminal according to claim 1, wherein said transmission signal control means controls transmission power for said information signal.

6. The communication terminal according to claim 5, wherein transmission power for said uplink data is controlled by selecting a TFCI transmitting said information signal at a low transmission rate.

7. The communication terminal according to claim 5, comprising posting means posting to the base station a repetitive transmission of said information signal a prescribed number of times,

5 wherein said information signal is transmitted repetitively after said post of the posting means.

8. The communication terminal according to claim 7, wherein said posting means transmits a TFCI signal having a space area in which information indicating repetitive
10 transmission is built.

9. The communication terminal according to claim 1, comprising retransmission stop signal transmission means transmitting a retransmission stop signal making said base station stop retransmitting the downlink packet data before transmission or after
15 transmission of said uplink data on the basis of the result of estimation of said overflow estimation means.

10. The communication terminal according to claim 1, wherein an instruction signal instructing said base station to control transmission of the downlink packet data is
20 transmitted before transmission or after transmission of said uplink data on the basis of the result of estimation of said overflow estimation means.

11. A communication terminal comprising:

 overflow estimation means estimating a simultaneous transmission of uplink
25 data and a communication quality signal to a base station; and

transmission signal control means controlling transmission of said communication quality signal in response to the result of estimation of said overflow estimation means.

- 5 12. The communication terminal according to claim 11, wherein said transmission signal control means stops transmitting said communication quality signal.

13. The communication terminal according to claim 11, wherein said transmission signal control means controls transmission power for said communication quality signal.

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14. The communication terminal according to claim 11, comprising posting means posting to the base station a repetitive transmission of said communication quality signal a prescribed number of times,

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wherein said information signal is transmitted repetitively after the post of said posting means.

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15. The communication terminal according to claim 11, wherein an instruction signal instructing said base station to control transmission of downlink packet data is transmitted before transmission or after transmission of said uplink data on the basis of the result of estimation of said overflow estimation means.

16. A communication terminal comprising:

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overflow estimation means estimating a simultaneous transmission, to a base station, of uplink data and an information signal related to downlink packet data received from said base station; and

transmission signal control means controlling transmission of the uplink data in response to the result of estimation of said overflow estimation means.

17. The communication terminal according to claim 16, wherein said transmission
5 signal control means controls transmission power for said uplink data.

18. The communication terminal according to claim 17, wherein transmission power for said uplink data is controlled by selecting a TFCI transmitting said uplink data at a low transmission rate.

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19. A communication terminal comprising:

overflow estimation means estimating a simultaneous transmission, to a base station, of uplink data and an information signal related to downlink packet data received from said base station;

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uplink communication priority means controlling transmission of said information signal;

downlink communication priority means controlling transmission of said uplink data;

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storage means previously storing priority information indicating preference of uplink communication or downlink communication; and

selection means selectively operating said uplink communication priority means or the downlink communication priority means according to the priority information stored in said storage means when said overflow estimation means estimates an overflow.

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20. The communication terminal according to claim 19, wherein said priority information stored in said storage means is constituted to be changeable with an input signal operated by a user.

5 21. The communication terminal according to claim 19, comprising voice signal detection means detecting whether or not a voice input is made,

wherein the priority information stored in said storage unit is changed in response to the result of detection of said voice signal detection means.

10 22. A communication system comprising a base station and a communication terminal transmitting/receiving data to/from said base station, wherein

said base station

has transmission/receiving means transmitting downlink packet data to said communication terminal while receiving an information signal related to said downlink

15 packet data from said communication terminal receiving said downlink packet data, and

said communication terminal comprises:

overflow estimation means estimating a simultaneous transmission of uplink data and said information signal to said base station, and

20 transmission signal control means controlling transmission of said information signal in response to the result of estimation of said overflow estimation means.

23. A communication system comprising a base station and a communication terminal transmitting/receiving data to/from said base station, wherein

said base station

25 has transmission/receiving means transmitting downlink packet data to said

communication terminal while receiving an information signal related to said downlink packet data from said communication terminal receiving said downlink packet data, and

said communication terminal comprises:

overflow estimation means estimating a simultaneous transmission of uplink
5 data and said information signal to said base station, and

transmission signal control means controlling transmission of the uplink data in response to the result of estimation of said overflow estimation means.

24. A communication system comprising a base station and a communication terminal
10 transmitting/receiving data to/from said base station, wherein

said base station

has communication system change means changing the communication system of downlink communication to an optimum communication system on the basis of a communication quality signal indicating a communication quality state received from
15 said communication terminal, and

said communication terminal comprises:

overflow estimation means estimating a simultaneous transmission of uplink data and said communication quality signal to said base station, and

transmission signal control means controlling transmission of said
20 communication quality signal in response to the result of estimation of said overflow estimation means.

25. A communication system comprising a base station and a communication terminal transmitting/receiving data to/from said base station, wherein

25 said base station

has communication system change means changing the communication system of downlink communication to an optimum communication system on the basis of a communication quality signal indicating a communication quality state received from said communication terminal, and

5 said communication terminal comprises:

overflow estimation means estimating a simultaneous transmission of uplink data and said communication quality signal to said base station, and

transmission signal control means controlling transmission of said uplink data in response to the result of estimation of said overflow estimation means.

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26. A communication system comprising a base station and a communication terminal transmitting/receiving data to/from said base station, wherein

said base station

has transmission/receiving means transmitting downlink packet data to said
15 communication terminal while receiving an information signal related to said downlink packet data from said communication terminal receiving said downlink packet data, and

said communication terminal comprises:

overflow estimation means estimating a simultaneous transmission of uplink data and said information signal to said base station,

20 uplink communication priority means controlling transmission of said information signal,

downlink communication priority means controlling transmission of said uplink data,

storage means previously storing priority information indicating preference of
25 uplink communication or downlink communication, and

selection means selectively operating said uplink communication priority means or the downlink communication priority means according to the priority information stored in said storage means when said overflow estimation means estimates an overflow.